

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The final Office Action dated December 13, 2005, has been received and its contents carefully reviewed...

Claims 1-12 are rejected by the Examiner. Claim 1 has been amended. Claims 13-16 and 18-20 are allowed. Claims 1-16 and 18-20 remain pending in this application.

In the Office Action, claims 1-12 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,115,016 to Yoshihara et al. (hereinafter "Yoshihara") in view of U.S. Patent No. 6,570,554 to Makino (hereinafter "Makino").

The rejection of claims 1-12 is respectfully traversed and reconsideration is requested. Claims 1-12 are allowable over the cited references in that each of these claims recites a combination of elements including, for example, "a signal processing circuit connected to an output of the data input driver and to the light sources, wherein the signal processing circuit directly controls a luminance level of each of the light sources based upon the input data from the data input driver." None of the cited references including Yoshihara and Makino, singly or in combination, teaches or suggests at least this feature of the claimed invention.

Yoshihara is directed to a display control method where the subframe is divided into four subframes: red, green, blue, and white. In the fourth subframe all three LEDs (red, green, and blue) are turned on if necessary to increase the brightness of the screen. Makino discloses a display control method where each frame is divided into subframes and the three different (red, green, and blue) LEDs are turned on. From frame to frame, the LEDs are turned on in a different order to prevent a rainbow effect at edges in animated images. Further, there is a portion of the frame where all of the LEDs are off. Nowhere does Yoshihara or Makino teach where the luminance level of each of the light sources is controlled based upon the input data input driver. Accordingly, Applicant respectfully submits that claims 1-12 are allowable over the cited references.

Applicants believe the foregoing amendments place the application in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps


necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. *A duplicate copy of this sheet is enclosed.*

Respectfully submitted,

Dated: March 13, 2006

By


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